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June 1, 2010

VIA ELECTRONIC FILING

Jocelyn Boyd, Interim Chief Clerk of the Commission
Public Service Commission of South Carolina
Post Office Drawer 11649
Columbia, South Carolina 29211

Re: Duke Energy Carolinas, LLC
Docket No. 1989-9-E

Dear Jocelyn:

Pursuant to the Commission's orders enclosed for filing on behalf of Duke Energy Carolinas, LLC are the following:

1. Monthly Fuel Cost Report for April 2010 (Exhibit A) and

2. Base Load Power Plant Performance Report for April 2010 (Exhibit B).

If you have any questions, please contact me.

Very truly yours,

ROBINSON, MCFADDEN & MOORE, P.C.

Bonnie D. Shealy

/bds
Enclosures

cc/enc: Dan Arnett, ORS Chief of Staff (via email & U.S. Mail)
Jeffrey Nelson, ORS Staff Attorney (via email & U.S. Mail)
John Flitter, ORS (via email & U.S. Mail)
Scott Elliott, Esquire for SC Energy Users Committee (via email & U.S. Mail)
Timika Shafeek-Horton, Associate General Counsel (via email)
Alex Castle, Senior Counsel (via email)

DUKE ENERGY CAROLINAS
SUMMARY OF MONTHLY FUEL REPORT
SC Code Ann. §58-27-865 (Supp. 2009)

Line No.	Fuel Expenses:	April 2010
1	Fuel and fuel-related costs	$ 109,201,336
2	Less fuel expenses (in line 1) recovered through intersystem sales (a)	795,416
3	Total fuel and fuel-related costs (line 1 minus line 2)	$ 108,405,920
	MWH sales:	
4	Total system sales.	6,160,151
5	Less intersystem sales	19,203
6	Total sales less intersystem sales	6,140,948
7	Total fuel and fuel-related costs (¢/KWH) (c) (line 3/line 6)	1.7653
8	Current fuel and fuel-related cost component (¢/KWH) (per Schedule 4, Line 2 + Line 8)	1.9652
	Generation Mix (MWH):	
	Fossil (by primary fuel type):	
9	Coal	2,343,507
10	Fuel Oil	(1,179)
11	Natural Gas	88
12	Total fossil	2,342,416
13	Nuclear 100%	4,307,927
14	Hydro - Conventional	184,191
15	Hydro - Pumped storage	(41,799)
16	Total hydro	142,392
17	Solar Distributed Generation	413
18	Total MWH generation	6,793,148
19	Less joint owners' portion	1,351,156
20	Adjusted total MWH generation	5,441,992
	(a) Line 2 includes:	
	Fuel from intersystem sales (Schedule 3)	$ 773,841
	Fuel in loss compensation	21,575
	Total fuel recovered from intersystem sales	$ 795,416

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
SC Code Ann. §58-27-865 (Supp. 2009)

Fuel and fuel-related costs:	April 2010
Steam Generation - FERC Account 501	
0501110 coal consumed - steam	$ 79,994,989
0501222, 0501223 biomass/test fuel consumed	-
0501310 fuel oil consumed - steam	208,619
0501330 fuel oil light-off - steam	899,599
Total Steam Generation - Account 501	81,103,207
Environmental Costs	
0509000, 0557451 emission allowance expense	10,798
0502020, 030, 040 reagents expense	1,379,628
Emission allowance gains	(152,000)
Total Environmental Costs	1,238,426
Nuclear Generation - FERC Account 518	
0518100 burnup of owned fuel	17,075,006
0518600 nuclear fuel disposal cost	4,034,717
Total Nuclear Generation - 100%	21,109,723
Less joint owners' portion	6,359,373
Total Nuclear Generation - Account 518	14,750,350
Other Generation - FERC Account 547	
0547100 natural gas consumed	85,136
0547200 fuel oil consumed - CT	6,468
Total Other Generation - Account 547	91,604
Solar Distributed Generation @ Avoided Fuel Cost	20,289
Total fossil and nuclear fuel expenses included in base fuel component	97,203,875
Fuel related component of purchased and interchange power per Schedule 3	8,160,027
Fuel related component of purchased power (economic accrual)	3,837,434
Total fuel and fuel-related costs	$ 109,201,336

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
SC Code Ann. §58-27-865 (Supp. 2009)

Other fuel expenses not included in fuel and fuel-related costs:		April 2010
Net proceeds from sale of by-products	$	197,633
0501223 biomass avoided fuel cost excess		-
0518610 spent fuel canisters-accrual		154,755
0518620 canister design expense		8,650
0518700 fuel cycle study costs		50,203
Non-fuel component of purchased and interchanged power		6,143,120
Total other fuel expenses not included in fuel and fuel-related costs:	$	6,554,362
Less Solar Distributed Generation @ Avoided Fuel Cost		(20,289)
Adjusted total other fuel expenses not included in fuel and fuel-related costs:	$	6,534,073
Total FERC Account 501 - Total Steam Generation		81,103,207
Total FERC Account 518 - Total Nuclear Generation		14,963,958
Total FERC Account 547 - Other Generation		91,604
Total Reagents Expense		1,379,628
Total Gain/Loss from Sale of By-Products		197,633
Total Emission Allowance Expense		10,798
Total Gain/Loss from Sale of Emission Allowances		(152,000)
Total Purchased and Interchanged Power Expenses		18,140,581
Total Fuel, Fuel Related and Purchased Power Expenses	$	115,735,409

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA

APRIL 2010

Schedule 3, SC, Purchases, Month
Exhibit A, Page 1 of 4

Purchased Power Marketers, Utilities, Other	Total $	Capacity MW	Capacity $	Non-Capacity MWH	Non-Capacity Fuel $	Non-Capacity Non-Fuel $
Alcoa Power Generating Inc.	165,410	-	-	5,235	100,900	64,510
Ameren Energy Marketing	19,250	-	-	550	11,743	7,507
Associated Electric Cooperative Inc.	107,390	-	-	3,326	65,508	41,882
Blue Ridge Electric Membership Corp.	2,239,396	86	1,054,238	48,327	722,946	462,212
Cargill Power Marketers LLC	244,435	-	-	6,740	149,105	95,330
City of Kings Mtn	8,979	3	8,979	-	-	-
Cobb Electric Membership Corp.	189,250	-	-	5,250	115,443	73,807
Constellation	354,125	-	-	9,915	216,016	138,109
Haywood Electric	380,025	20	195,001	6,503	112,865	72,159
Lockhart Power Co.	19,272	7	19,272	-	-	-
Morgan Stanley Capital Group	434,000	-	-	12,000	264,740	169,260
NCEMC load following	62,786	-	-	2,039	29,771	33,015
NCMPA #1	2,882,082	-	-	79,108	1,366,968	1,515,114
Piedmont Electric Membership Corp.	1,140,592	42	532,533	24,253	370,916	237,143
PJM Interconnection LLC	3,648,762	-	-	106,284	2,225,745	1,423,017
Rutherford Electric Membership Corp.	14,446	-	-	608	8,812	5,634
Southern	371,045	-	-	15,845	226,337	144,708
SPCO - Rowan	1,359,984	456	1,359,984	-	-	-
The Energy Authority	331,167	-	-	8,522	202,012	129,155
Town of Dallas	584	-	584	-	-	-
Town of Forest City	20,148	7	20,148	-	-	-
TVA	6,800	-	-	200	4,148	2,652
Generation Imbalance	182,335	-	-	4,816	79,965	102,370
Energy Imbalance - Purchases	172,481	-	-	2,647	105,408	67,073
Energy Imbalance - Sales	(54,723)	-	-	-	(50,092)	(4,631)
	$14,300,021	**621**	**$3,190,739**	**342,168**	**$6,329,256**	**$ 4,780,026**

Purchased Power Cogen, Purpa, Small Power Producers	Total $	Capacity MW	Capacity $	Non-Capacity MWH	Non-Capacity Fuel $	Non-Capacity Non-Fuel $
203 Neotrantor LLC	63	-	-	1	-	63
Advantage Investment Group, LLC	4,421	-	-	61	-	4,421
AKS Real Estate Holdings LLC	20	-	-	-	-	20
Alamance Hydro, LLC	8,328	-	-	121	-	8,328
Amelia M Collins	25	-	-	1	-	25
Andrews Truss, Inc.	46	-	-	1	-	46
Anna L Reilly	31	-	-	1	-	31
Aquenergy Corp.	169,643	-	-	2,647	-	169,643
Barbara Ann Evans	4,816	-	-	131	-	4,816
Berjouhi Keshguerian	28	-	-	1	-	28
Biomerieux, Inc	741	-	-	12	-	741
Black Hawk Inc	55	-	-	1	-	55
Bruce Marotta	32	-	-	1	-	32
Byron P Matthews	17	-	-	-	-	17
Catawba County	52,344	-	-	1,501	-	52,344
Cherokee County	(22,586)	-	3,780	(1,272)	150,659	(177,025)
Clark H Mizell	60	-	-	1	-	60
Cliffside Mills LLC	22,266	-	-	295	-	22,266
Converse Energy	39,761	-	-	612	-	39,761
Daniel L Kerns	196	-	-	3	-	196
Dave K Birkhead	11	-	-	-	-	11
David A Ringenburg	28	-	-	1	-	28
David E. Shi	21	-	-	-	-	21
David H Newman	30	-	-	1	-	30
David M Thomas	43	-	-	1	-	43
David W Walters	29	-	-	1	-	29
David Wiener	18	-	-	-	-	18
Decision Support	211	-	-	4	-	211
Delta Products Corp.	197	-	-	3	-	197
Diann M. Barbacci	14	-	-	-	-	14

Purchased Power Cogen, Purpa, Small Power Producers	Total $	Capacity MW	 $	Non-Capacity MWH	 Fuel $	 Non-Fuel $
Earnhardt-Childress Racing Technologies, LLC	224	-	-	4	-	224
Edward W Witkin	36	-	-	1	-	36
Everett L. Williams	67	-	-	2	-	67
Fogleman Construction, Inc	13	-	-	-	-	13
Frances L. Thomson	36	-	-	1	-	36
George Franklin Fralick	20	-	-	-	-	20
Gerald Priebe	37	-	-	1	-	37
Gerald W. Meisner	32	-	-	1	-	32
Gas Recovery Systems, LLC	150,325	-	-	2,278	111,830	38,495
Greenville Gas Producer, LLC	119,508	-	-	2,039	100,090	19,418
Gwenyth T Reid	28	-	-	1	-	28
H Malcolm Hardy	22	-	-	-	-	22
Haneline Power, LLC	14,332	-	-	188	-	14,332
Haw River Hydro Co	28,192	-	-	786	-	28,192
Hayden-Harman Foundation	12	-	-	-	-	12
Hendrik J Rodenburg	28	-	-	-	-	28
Henry Jay Becker	37	-	-	1	-	37
HMS Holdings Limited Partnership	175	-	-	3	-	175
Holzworth Holdings	7	-	-	-	-	7
Innovative Solar Solutions	28	-	-	-	-	28
Irvine River Company	31,018	-	-	380	-	31,018
Jafasa Farms	93	-	-	2	-	93
James B Sherman	26	-	-	-	-	26
James L Johnson	9	-	-	-	-	9
James Richard Trevathan	19	-	-	-	-	19
Jeffery Lynn Pardue	33	-	-	1	-	33
Jerome Levit	8	-	-	-	-	8
Jody Fine	17	-	-	-	-	17
Joel L. Hager	30	-	-	-	-	30
John B Robbins	72	-	-	1	-	72
John H. Diliberti	78	-	-	1	-	78
Keith Adam Smith	14	-	-	-	-	14
KMBA, LLC	26	-	-	-	-	26
Lamar Bailes	59	-	-	1	-	59
Leon's Beauty School, Inc	275	-	-	4	-	275
Linda Alexander	23	-	-	-	-	23
Marilyn M Norfolk	21	-	-	-	-	21
Mark A Powers	13	-	-	-	-	13
Mary K Nicholson	24	-	-	-	-	24
Matthew T. Ewers	18	-	-	-	-	18
Mayo Hydro	65,255	-	-	1,070	-	65,255
Michael G Hitchcock	60	-	-	1	-	60
Mill Shoals Hydro	33,716	-	-	937	-	33,716
Mr Lawrence B Miller	33	-	-	-	-	33
MP Durham, LLC	114,318	-	-	1,971	96,776	17,542
Northbrook Carolina Hydro	279,884	-	-	4,388	-	279,884
Optima Engineering	63	-	-	1	-	63
Pacifica HOA	33	-	-	1	-	33
Paul C Kuo	26	-	-	-	-	26
Paul G. Keller	30	-	-	-	-	30
Pelzer Hydro Co.	159,612	-	-	2,453	-	159,612
Peter J Jarosak	14	-	-	-	-	14
Philip E Miner	43	-	-	1	-	43
Phillip B. Caldwell	20	-	-	-	-	20
Pickins Mill Hydro LLC	1,293	-	-	21	-	1,293
Pippin Home Designs, Inc	19	-	-	-	-	19
PRS-PK Engines, LLC	175	-	-	3	-	175
R Lawrence Ashe Jr	30	-	-	1	-	30
Rajah Y Chacko	20	-	-	-	-	20
Rajendra Morey	30	-	-	-	-	30
Ramona L Sherwood	31	-	-	1	-	31
Raylen Vineyards Inc	78	-	-	1	-	78
Rebecca T Cobey	5	-	-	-	-	5
Ron B Rozzelle	38	-	-	1	-	38
Ronald R Butters	35	-	-	1	-	35
Rousch & Yates Racing Engines, LLC	302	-	-	5	-	302
Russell Von Stein	13	-	-	-	-	13

APRIL 2010

Schedule 3, SC, Purchases, Month
Exhibit A, Page 3 of 4

Purchased Power Cogen, Purpa, Small Power Producers	Total $	Capacity MW	 $	Non-Capacity MWH	 Fuel $	 Non-Fuel $
Salem Energy Systems	92,312	-	-	1,913	-	92,312
Samuel C Province	81	-	-	1	-	81
Scot Friedman	41	-	-	1	-	41
Shawn Slome	13	-	-	-	-	13
South Yadkin Power	21,738	-	-	282	-	21,738
Stanley Chamberlain	51	-	-	1	-	51
Steve Mason Ent., Inc.	2,565	-	-	72	-	2,565
Steven Graf	40	-	-	1	-	40
Stewart A Bible	9	-	-	-	-	9
Strates Inc	42	-	-	1	-	42
Sun Capital, Inc	161	-	-	3	-	161
Sun Edison LLC	33,688	-	-	497	24,397	9,291
T.S. Designs, Inc.	66	-	-	1	-	66
The Rocket Shop, LLC	15	-	-	-	-	15
Thomas Knox Worde	16	-	-	-	-	16
Thomas W Bates	38	-	-	1	-	38
Town of Chapel Hill	28	-	-	-	-	28
Town of Lake Lure	49,927	-	-	1,080	-	49,927
W. Jefferson Holt	71	-	-	1	-	71
Wallace & Graham PA	972	-	-	16	-	972
Walter C. McGervey	10	-	-	-	-	10
William Terry Baker	33	-	-	1	-	33
Yves Naar	27	-	-	-	-	27
	$ 1,483,064	**0**	**$ 3,780**	**24,555**	**$ 483,752**	**$ 995,532**
TOTAL PURCHASED POWER	**$15,783,085**	**621**	**$3,194,519**	**366,723**	**$6,813,008**	**$ 5,775,558**
INTERCHANGES IN						
Other Catawba Joint Owners	6,439,960	-	-	679,058	3,581,856	2,858,104
Total Interchanges In	6,439,960	-	-	679,058	3,581,856	2,858,104
INTERCHANGES OUT						
Other Catawba Joint Owners	(4,082,464)	(866)	(129,880)	(423,345)	(2,234,837)	(1,717,747)
Catawba- Net Negative Generation	-	-	-	-	-	-
Total Interchanges Out	(4,082,464)	(866)	(129,880)	(423,345)	(2,234,837)	(1,717,747)
Net Purchases and Interchange Power	**$18,140,581**	**(245)**	**$3,064,639**	**622,436**	**$8,160,027**	**$ 6,915,915**

DUKE ENERGY CAROLINAS
INTERSYSTEM SALES*
SOUTH CAROLINA

April 2010

Schedule 3, SC, Sales, Month
Exhibit A, Page 4 of 4

SALES	TOTAL CHARGES	CAPACITY MW	CAPACITY $	ENERGY MWH	ENERGY FUEL $	ENERGY NON-FUEL $
Utilities:						
SC Public Service Authority - Emergency	$ 34,711	-	$ -	670	$ 26,839	$ 7,872
Market Based:						
Cargill-Alliant, LLC	32,849	-	-	551	23,738	9,111
Cobb Electric Membership Corp	50,825	-	-	925	39,442	11,383
Constellation Power Sources	7,375	-	-	125	5,417	1,958
MISO	9,244	-	-	183	7,921	1,323
NCEMC	-	-	-	600	-	-
NCEMC (Generator/Instantaneous)	209,910	25	125,000	1,622	64,727	20,183
NCMPA #1	241,283	50	216,500	482	19,540	5,243
NCMPA #1 - Rockingham	157,500	50	157,500	-	-	-
PJM Interconnection LLC	447,635	-	-	8,702	362,323	85,312
Progress Energy Carolinas	120,351	-	-	2,200	93,073	27,278
SC Electric & Gas Market based	57,122	-	-	600	24,849	32,273
Southern	34,000	-	-	400	17,017	16,983
The Energy Authority	60,532	-	-	1,081	46,515	14,017
Other:						
Generation Imbalance	53,224	-	-	1,062	42,440	10,784
BPM Transmission	(93,547)	-	-	-	-	(93,547)
	$ 1,423,014	**125**	**$ 499,000**	**19,203**	**$ 773,841**	**$ 150,173**

* Sales for resale other than native load priority.

NOTE(S): Detail amounts may not add to totals shown due to rounding.

Exhibit A
Schedule 4

Duke Energy Carolinas
Over / (Under) Recovery of Fuel Costs
April 2010
SC Code Ann. §58-27-865 (Supp. 2009)

Line No.			Residential	Commercial	Industrial	Total
1	S.C. Retail kWh sales	Input	442,041,600	458,228,707	711,262,856	1,611,533,163
	Base fuel component of recovery					
2	Billed base fuel rate (¢/kWh)	Input	1.9606	1.9606	1.9606	1.9606
3	Billed base fuel expense	L1 * L2 /100	$8,666,668	$8,984,032	$13,945,020	$31,595,720
4	Incurred base fuel rate (¢/kWh)	Input	1.6649	1.6649	1.6649	1.6649
5	Incurred base fuel expense	L1 * L4 / 100	$7,359,551	$7,629,050	$11,841,815	$26,830,416
6	Difference in ¢/kWh (Billed - Incurred)	L2 - L4	0.2957	0.2957	0.2957	0.2957
7	Base fuel over/(under) recovery	L1 * L6 / 100	**$1,307,117**	**$1,354,982**	**$2,103,204**	**$4,765,304**
	7a Prior period adjustment expense _/1	Input	$0	$0	$0	$0
	Environmental component of recovery					
8	Billed rates by class (¢/kWh)	Input	0.0047	0.0058	0.0038	0.0046
9	Billed environmental expense	L8 * L1 / 100	$20,776	$26,577	$27,028	$74,381
10	Incurred rate by class (¢/kWh)	Input	0.0290	0.0217	0.0132	0.0200
11	Incurred environmental expense	L10 * L1 / 100	$128,349	$99,588	$94,206	$322,143
12	Difference in ¢/kWh (Billed - Incurred)	L8 - L10	(0.0243)	(0.0159)	(0.0094)	(0.0154)
13	Environmental over/(under) recovery	L9 - L11	**($107,573)**	**($73,011)**	**($67,178)**	**($247,762)**
	13a Prior period adjustment expense _/1	Input	$0	$0	$0	$0
	Economic purchase component of recovery					
14	S.C. kWh sales % by class	L1 / L1T	27.43%	28.43%	44.14%	100.00%
15	Economic purchase accrual	L15T * L14	**($276,203)**	**($286,318)**	**($444,422)**	**($1,006,943)**
	15a Prior period adjustment expense _/1	Input	$0	$0	$0	
	Total over/(under) recovery					
16	Current month	L7 + L13 + L15	**$923,341**	**$995,654**	**$1,591,604**	**$3,510,599**
	16a Current month w/adjustments	L16+(7a+13a+15a)	**$923,341**	**$995,654**	**$1,591,604**	**$3,510,599**

		Cumulative	Residential	Commercial	Industrial	Total Company
17	Cumulative over / (under) recovery Balance ending May 2009 _/2	47,830,080				
_/1	June	49,160,373	405,693	390,768	533,832	1,330,293
	July	54,300,863	1,872,165	1,548,042	1,720,283	5,140,490
	August	55,827,421	592,687	458,734	475,137	1,526,558
_/1	September	62,729,558	2,231,657	2,020,534	2,649,946	6,902,137
	October	63,384,306	158,746	201,004	294,998	654,748
	November	61,153,190	(620,334)	(629,338)	(981,444)	(2,231,116)
	December	62,513,766	438,960	337,314	584,302	1,360,576
_/1	January	61,037,750	(613,821)	(389,605)	(472,590)	(1,476,016)
_/1	February	59,648,944	(530,297)	(345,454)	(513,055)	(1,388,806)
	March	62,691,834	1,053,323	776,677	1,212,890	3,042,890
	April	66,202,433	923,341	995,654	1,591,604	3,510,599
	May					

_/1 Prior period adjustments recalculated using appropriate period sales; therefore, detail calculations not shown.

_/2 May 2009 ending balance shown is net of GRT and further reflects the economic purchase adjustment for review period ended 5/31/2009 (Commission approved in September 2009).

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED COST REPORT
April 2010

Description	Allen Steam	Belews Creek Steam	Buck Steam/CT	Buzzard Roost CT	Catawba Nuclear	Cliffside Steam	Dan River Steam/CT	Lee Steam/CT	Lincoln CT	Marshall Steam	McGuire Nuclear	Mill Creek CT	Oconee Nuclear	Riverbend Steam/CT	Rockingham CT	Current Month	Total 12 ME April 2010
Cost of Fuel Received																	
Coal (E) (H)	$19,300,024	$23,668,624	$1,694,696			$1,125,654	$1,728,160	$3,010,896		$36,618,801				$4,881,243		$92,028,098	$1,225,283,748
Fuel Oil	283,765	583,692	-	-		35,165	319,267	-	-	272,989		-		53,581	-	1,548,459	15,740,751
Gas			372	-			350	16,109	15,493			11,470		600	40,743	85,137	5,456,224
Total	$19,583,789	$24,252,316	$1,695,068	$0		$1,160,819	$2,047,777	$3,027,005	$15,493	$36,891,790		$11,470		$4,935,424	$40,743	$93,661,694	1,246,480,723
Received (¢/MBTU) Avg																	
Coal	401.43	417.98	369.96			462.43	402.39	340.46		329.28				349.23		368.05	368.90
Fuel Oil	1,714.80	1,712.91	-	-		1,702.91	1,735.05	-	-	1,710.78		-		1,677.03	-	1,715.90	1,465.15
Gas			-	-			-	946.47	-			-		-	538.29	918.32	382.42
Weighted Average	405.93	425.72	370.05	-		472.87	457.22	341.62	-	331.26		-		352.30	538.29	373.09	372.47
Cost of Fuel Burned($) (D)																	
Coal (F) (H)	$16,756,578	$17,762,571	$3,839,323			$0	$873,215	$2,583,004		$34,741,064				$3,439,235		$79,994,990	$1,256,736,467
Fuel Oil	216,841	464,916	77,646	-		-	37,979	104,644	3,078	17,362		4,894		191,333	-	1,114,687	14,911,644
Gas			372	-			350	16,109	15,493			11,470		600	40,743	85,137	5,456,224
Nuclear					7,874,994						5,121,354		8,113,373			21,109,721	272,791,720
Total	$16,973,419	$18,227,487	$3,917,341	$0	$7,874,994	$0	$911,544	$2,703,757	$18,571	$34,758,426	$5,121,354	$16,364	$8,113,373	$3,631,168	$40,743	$102,304,535	$1,549,896,055
Burned (¢/MBTU) Avg																	
Coal	387.54	392.35	375.85			-	342.49	329.97		332.73				347.04		358.04	357.56
Fuel Oil	1,602.08	1,633.63	1,598.31	-		-	1,690.21	1,537.75	1,152.81	1,591.38		896.34		1,502.06	-	1,580.09	1,432.23
Gas			-	-			-	946.47	-			-		-	538.29	918.32	382.42
Nuclear					47.09						46.10		51.89			48.56	46.85
Weighted Average	391.33	400.10	381.67	-	47.09	-	354.40	341.69	INF.	332.87	46.10	INF.	51.89	361.76	538.29	155.27	165.55
Generated (¢/kWh) Avg																	
Coal	3.92	3.61	4.05			(B)	3.75	3.49		3.05				3.65		3.41	3.43
Fuel Oil	-	-	(B)	(B)		-	(B)	INF.	(B)	-		(B)		(B)	-	(B)	(B)
Gas			-	-			-	43.54	-			-		-	INF.	INF.	4.69
Nuclear					0.47						0.47		0.53			0.49	0.47
Weighted Average	3.97	3.70	4.14	(B)	0.47	(B)	3.92	3.65	(B)	3.05	0.47	(B)	0.53	3.86	INF.	1.54	1.64
Burned MBTU's																	
Coal	4,323,870	4,527,255	1,021,504			-	254,959	782,789		10,441,080				991,020		22,342,477	351,473,619
Fuel Oil	13,535	28,459	4,858	-		-	2,247	6,805	267	1,091		546		12,738	-	70,546	1,041,150
Gas			-	-			-	1,702	-			-		-	7,569	9,271	1,426,751
Nuclear					16,721,912						11,110,052		15,635,591			43,467,555	582,241,697
Total	4,337,405	4,555,714	1,026,362	-	16,721,912	-	257,206	791,296	267	10,442,171	11,110,052	546	15,635,591	1,003,758	7,569	65,889,849	936,183,216
Net Generation (mWh)																	
Coal (G)	427,258	492,547	94,718			(1,399)	23,310	74,006		1,138,936				94,131		2,343,507	36,674,128
Fuel Oil	-	-	(24)	(104)		-	(32)	4	(610)	-		(345)		(68)	-	(1,179)	(12,426)
Gas			-	-			-	37	-			-		-	51	88	116,411
Nuclear					1,673,175						1,089,408		1,545,344			4,307,927	57,519,181
Total	427,258	492,547	94,694	(104)	1,673,175	(1,399)	23,278	74,047	(610)	1,138,936	1,089,408	(345)	1,545,344	94,063	51	6,650,343	94,297,294
Cost of Reagents Burned ($)																	
Ammonia		160,303				-				-						160,303	5,489,233
Limestone	178,793	193,324								588,091						960,208	13,813,525
Urea	1,260		-			257,857				-						259,117	4,373,835
Organic Acid	-	-				-				-						-	-
Total	180,053	353,627	-			257,857				588,091						1,379,628	23,676,593

(A) Detail amounts may not add to totals shown due to rounding.
(B) Cents/kWh not computed when costs and/or net generation is negative.
(C) Fuel costs based on recoverability unless otherwise noted. Data reflected at 100% ownership.
(D) Cost of fuel burned excludes $10,798 associated with emission allowance expense for the month and $604,483 for the twelve months ended.
(E) Fuel received includes 0,000 tons and $0,000 associated with Biomass (wood product) test fuel at Buck & Lee for the month, as well as 5,168 tons and $149,396 for the twelve months ended.
(F) Fuel burned includes 0,000 tons and $0,000 associated with Biomass (wood product) test burn at Buck & Lee for the month, as well as 5,169 tons and $149,396 for the twelve months ended.
(G) Net generation (MWH) includes 0,000 MWH associated with the co-burn of Biomass (wood product) at Buck & Lee for the month and 3,539 MWH for the twelve months ended. The 12ME Jan10 MWH has been updated for prior period adjustments.
(H) Twelve months ended December 2009 forward reflects a change to fuel cost and associated data for coal/biomass in Sep09.

Exhibit A
Schedule 5

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED CONSUMPTION AND INVENTORY REPORT
April 2010

Description	Allen Steam	Belews Creek Steam	Buck Steam/CT	Buzzard Roost CT	Cliffside Steam	Dan River Steam/CT	Lee Steam/CT	Lincoln CT	Marshall Steam	Mill Creek CT	Riverbend Steam/CT	Rockingham CT	Current Month	Total 12 ME April 2010
Coal Data:														
Beginning balance	525,099	1,448,762	124,345		288,596	66,402	145,511		692,552		254,210		3,545,478	4,166,225
Tons received during period (E)	200,311	229,054	19,161		9,690	17,376	34,529		447,414		57,031		1,014,566	13,495,706
Moisture adjustments (H)	(979)	216	490		-	253	293		(3,133)		194		(2,666)	48
Tons burned during period (B) (F) (H)	177,715	182,743	43,958		-	10,513	30,831		417,561		40,724		904,044	14,008,645
Ending balance	546,716	1,495,289	100,038		298,285	73,518	149,503		719,272		270,712		3,653,334	3,653,334
MBTUs per ton burned	24.33	24.77	23.24		-	24.25	25.39		25.00		24.34		24.71	25.09
Cost of ending inventory ($/ton)	94.46	97.19	86.91		90.74	84.28	83.85		83.52		84.38		91.53	91.53
Fuel Oil Data:														
Beginning balance	212,291	217,960	385,608	1,536,309	52,258	162,416	634,988	8,741,986	232,114	3,940,704	300,440	2,254,372	18,671,446	19,062,096
Gallons received during period	119,964	247,415	-	-	14,996	134,032	-	-	115,477	-	23,072	-	654,956	7,779,175
Miscellaneous usage, transfers and adjustments	(3,940)	(6,639)	(2,658)	-	(1,819)	(857)	(2,275)	-	(18,987)	-	(2,107)	-	(39,282)	(527,484)
Gallons burned during period	98,118	206,629	35,134	-	-	16,370	49,181	1,924	7,892	3,915	91,988	-	511,151	7,537,818
Ending balance	230,197	252,107	347,816	1,536,309	65,435	279,221	583,532	8,740,062	320,712	3,936,789	229,417	2,254,372	18,775,969	18,775,969
Cost of ending inventory ($/gal)	2.21	2.25	2.21	0.79	2.11	2.33	2.12	1.60	2.20	1.25	2.08	2.34	1.62	1.62
Gas Data: (C)														
Beginning balance														
MCF received during period			-	-		-	1,674	-		-	-	7,278	8,952	1,376,091
MCF burned during period			-	-		-	1,674	-		-	-	7,278	8,952	1,376,091
Ending balance														
Cost of ending inventory ($/mcf)														
Limestone Data:														
Beginning balance	11,365	11,562							32,367				55,295	108,564
Tons received during period	6,510	18,645							32,851				58,006	463,158
Tons burned during period (B)	5,723	7,176							20,577				33,476	491,898
Ending balance	12,152	23,032							44,641				79,824	79,824
Cost of ending inventory ($/ton)	31.25	26.94							28.58				28.51	28.51

(A) Detail amounts may not add to totals shown due to rounding.
(B) Twelve months ended includes aerial survey adjustment(s) reflected in the tons burned and cost of inventory lines for coal and limestone.
(C) Gas is burned as received; therefore, inventory balances are not maintained.
(E) Fuel received includes 0,000 tons and $0,000 associated with Biomass (wood product) test fuel at Buck & Lee for the month, as well as 5,168 tons and $149,396 for the twelve months ended.
(F) Fuel burned includes 0,000 tons and $0,000 associated with Biomass (wood product) test burn at Buck & Lee for the month, as well as 5,169 tons and $149,396 for the twelve months ended.
(H) Twelve months ended December 2009 forward reflects a change for the correct placement of an inventory adjustment made in September 2009.

Exhibit A
Schedule 6

SCHEDULE 7

DUKE ENERGY CAROLINAS
ANALYSIS OF COAL PURCHASES
April 2010

STATION	TYPE	QUANTITY OF TONS DELIVERED	DELIVERED COST	DELIVERED COST PER TON
ALLEN	SPOT	-	$ -	$ -
	CONTRACT	200,311	18,434,564.43	92.03
	ADJUSTMENTS	-	865,459.98	-
	TOTAL	200,311	19,300,024.41	96.35
BELEWS CREEK	SPOT	-	-	-
	CONTRACT	229,054	21,877,709.97	95.51
	ADJUSTMENTS	-	1,790,914.15	-
	TOTAL	229,054	23,668,624.12	103.33
BUCK	SPOT	-	-	-
	CONTRACT	19,161	1,659,643.23	86.61
	ADJUSTMENTS	-	35,052.41	-
	TOTAL	19,161	1,694,695.64	88.44
CLIFFSIDE	SPOT	-	-	-
	CONTRACT	9,690	929,046.36	95.88
	ADJUSTMENTS	-	196,607.17	-
	TOTAL	9,690	1,125,653.53	116.17
DAN RIVER	SPOT	-	-	-
	CONTRACT	17,376	1,695,413.89	97.57
	ADJUSTMENTS	-	32,745.77	-
	TOTAL	17,376	1,728,159.66	99.46
LEE	SPOT	-	-	-
	CONTRACT	34,529	3,024,576.68	87.59
	ADJUSTMENTS	-	(13,680.78)	-
	TOTAL	34,529	3,010,895.90	87.20
MARSHALL	SPOT	-	-	-
	CONTRACT	447,414	35,741,364.32	79.88
	ADJUSTMENTS	-	877,436.86	-
	TOTAL	447,414	36,618,801.18	81.85
RIVERBEND	SPOT	-	-	-
	CONTRACT	57,031	4,828,455.30	84.66
	ADJUSTMENTS	-	52,788.00	-
	TOTAL	57,031	4,881,243.30	85.59
ALL PLANTS	SPOT	-	-	-
	CONTRACT	1,014,566	88,190,774.18	86.92
	ADJUSTMENTS	-	3,837,323.56	-
	TOTAL	1,014,566	$ 92,028,097.74	$ 90.71

SCHEDULE 8

Duke Energy Carolinas
Analysis of Quality of Coal Received
April 2010

Station	Percent Moisture	Percent Ash	Heat Value	Percent Sulfur
Allen	6.58	12.86	12,001	1.11
Belews Creek	6.25	11.16	12,361	0.98
Buck	6.19	13.54	11,953	0.65
Cliffside	6.09	10.47	12,561	1.15
Dan River	6.61	10.09	12,358	0.87
Lee	7.08	7.64	12,806	0.91
Marshall	6.53	10.91	12,428	1.33
Riverbend	6.50	11.13	12,254	1.01

Schedule 9

Duke Energy Carolinas
Analysis of Cost of Oil Purchases
April 2010

Station	Allen	Belews Creek	Cliffside	Dan River	Marshall	Riverbend
Vendor	HighTowers	HighTowers	HighTowers	HighTowers	High Towers	HighTowers
Spot / Contract	Contract	Contract	Contract	Contract	Contract	Contract
Sulfur Content %	0	0	0	0.01	0.01	0.02
Gallons Received	119,964	247,415	14,996	134,032	115,477	23,072
Total Delivered Cost	$ 283,765.00	$ 583,691.96	$ 35,165.08	$ 319,267.00	$ 272,989.13	$ 53,581.17
Delivered Cost/Gal	$ 2.37	$ 2.36	$ 2.34	$ 2.38	$ 2.36	$ 2.32
BTU/Gallon	137,943	137,729	137,714	137,288	138,181	138,473

Exhibit A
Schedule 9

DUKE ENERGY CAROLINAS
POWER PLANT PERFORMANCE DATA
TWELVE MONTHS SUMMARY

May,2009 - April,2010

Plant Name	Generation MWH	Capacity Rating MW	Capacity Factor %	Net Equivalent Availability %
Oconee	20,636,704	2,538	92.82	90.87
McGuire	17,883,693	2,200	92.80	89.51
Catawba	18,998,784	2,258	96.05	93.70

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
May 2009 through April 2010
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Belews Creek 1	7,904,925	1,110	81.30	89.76
Belews Creek 2	6,202,324	1,110	63.79	76.25

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
May 2009 through April 2010
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Cliffside 5	2,896,262	562	58.83	78.57
Marshall 1	1,780,266	380	53.48	82.19
Marshall 2	1,749,788	380	52.57	82.79
Marshall 3	4,699,081	658	81.52	88.44
Marshall 4	5,002,539	660	86.53	95.41

Duke Energy Carolinas
Power Plant Performance Data

Twelve Month Summary
May 2009through April 2010
Other Cycling Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Allen 1	445,297	164	30.95	95.57
Allen 2	335,861	164	23.34	93.70
Allen 3	1,077,591	264	46.60	91.65
Allen 4	1,167,856	279	47.78	89.45
Allen 5	1,171,950	269	49.73	97.49
Buck 3	17,128	75	2.61	98.32
Buck 4	8,246	38	2.48	98.47
Buck 5	286,977	128	25.59	97.00
Buck 6	284,657	128	25.39	88.77
Cliffside 1	8,971	38	2.69	96.73
Cliffside 2	10,491	38	3.15	96.78
Cliffside 3	24,201	61	4.53	96.10
Cliffside 4	24,896	61	4.66	79.43
Dan River 1	29,395	67	5.01	94.20
Dan River 2	36,006	67	6.13	96.56
Dan River 3	182,625	142	14.68	92.32
Lee 1	94,490	103	10.50	91.40
Lee 2	104,637	100	11.94	92.38
Lee 3	406,662	170	27.31	92.89
Riverbend 4	96,008	94	11.66	97.29
Riverbend 5	83,480	94	10.14	95.37
Riverbend 6	266,351	133	22.86	92.20
Riverbend 7	275,173	133	23.62	90.41

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
May,2009 through April,2010
Combustion Turbines

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Buck CT	-375	83	100.00
Buzzard Roost CT	-1,363	196	100.00
Dan River CT	-347	73	74.69
Lee CT	460	82	98.94
Lincoln CT	4,459	1,264	99.58
Mill Creek CT	-1,505	592	99.66
Riverbend CT	-976	101	74.98
Rockingham CT	103,632	825	91.93

Duke Energy Carolinas

Power Plant Performance

12 Months Ended April 2010

Name of Plant	Generation (MWH)	Capacity Rating (MW)	Operating Availability (%)
Conventional Hydro Plants			
Bridgewater	73,733	23.000	96.61
Cedar Creek	184,612	45.000	98.30
Cowans Ford	220,096	325.000	97.60
Dearborn	176,142	42.000	97.27
Fishing Creek	191,094	49.000	96.73
Gaston Shoals	15,671	4.600	53.29
Great Falls	14,038	24.000	46.91
Keowee	76,039	157.500	97.20
Lookout Shoals	111,779	27.000	87.56
Mountain Island	155,584	62.000	97.19
Ninety Nine Island	77,702	18.000	62.19
Oxford	136,348	40.000	93.79
Rhodhiss	82,674	30.500	97.60
Rocky Creek	(100)	28.000	-
Tuxedo	16,767	6.400	64.41
Wateree	286,298	85.000	96.50
Wylie	196,766	72.000	98.68
Nantahala	219,910	50.000	95.28
Queens Creek	5,120	1.440	95.11
Thorpe	107,462	19.700	95.71
Tuckasegee	9,430	2.500	93.64
Tennessee Creek	48,305	9.800	99.00
Bear Creek	39,268	9.450	98.99
Cedar Cliff	29,256	6.380	98.99
Mission	2,511	1.800	77.42
Franklin	(9)	1.040	83.56
Bryson	606	1.040	66.41
Dillsboro	-	0.230	50.00
Total Conventional	2,477,103		
Pumped Storage Plants			
Jocasee	942,058	730.000	83.89
Bad Creek	1,838,831	1,360.000	94.08
Total	2,780,889		
Less Energy for Pumping			
Jocasee	(1,110,015)		
Bad Creek	(2,324,615)		
Total	(3,434,630)		
Total Pumped Storage			
Jocassee	(167,957)		
Bad Creek	(485,784)		
Total	(653,741)		

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

PERIOD: April, 2010

PLANT	UNIT	DATE OF OUTAGE	DURATION OF OUTAGE	SCHEDULED / UNSCHEDULED	CAUSE OF OUTAGE	REASON OUTAGE OCCURRED	REMEDIAL ACTION TAKEN
Oconee	1	None					
	2	04/25/2010-05/01/2010	143.72	SCHEDULED	END-OF-CYCLE 24 REFUELING OUTAGE	REFUEL AND MAINTENANCE	REFUEL AND MAINTENANCE
	3	04/18/2010-04/26/2010	200.17	UNSCHEDULED	3F2 FEEDWATER HEATER TUBE LEAK	FLOW INDUCED VIBRATION	LEAKING TUBES WERE STABILIZED AND PLUGGED
McGuire	1	04/01/2010-04/16/2010	368.00	SCHEDULED	END-OF-CYCLE 20 REFUELING OUTAGE	REFUEL AND MAINTENANCE	REFUEL AND MAINTENANCE
		04/16/2010-04/16/2010	5.00	UNSCHEDULED	OUTAGE DELAYED 0.21 DAYS DUE TO CORE VERIFICATION DELAY	CORE BARREL DIMENSION MEASUREMENT WAS NOT ACCEPTABLE.	MEASUREMENT OF CORE BARREL DIMENSIONS REPEATED.
		04/16/2010-04/16/2010	3.00	UNSCHEDULED	OUTAGE DELAYED 0.13 DAYS DUE TO REACTOR MANIPULATOR CRANE GRIPPER FAILURE	TROUBLESHOOTING AND MANIPULATOR CHECKOUT FAILED TO DETERMINE REASON GRIPPER DID NOT ENGAGE FUEL ASSEMBLY	THROUBLESHOOTING AND CHECKOUT ON TEST FIXTURE
		04/16/2010-04/17/2010	10.00	UNSCHEDULED	OUTAGE DELAYED 0.42 DAYS DUE TO CORE BARREL MOVE DELAY DUE TO 1B TRAIN OF RESIDUAL HEAT REMOVAL SYSTEM NOT AVAILABLE	1B TRAIN OF RESIDUAL HEAT REMOVAL NOT AVAILABLE TO SUPPORT ACTITIVY	CORE BARREL MOVE WAS COMPLETED
		04/17/2010-04/17/2010	6.00	UNSCHEDULED	OUTAGE DELAYED 0.25 DAYS DUE TO REACTOR HEAD O RING INSTALLATION DELAY	NEW REACTOR VESSEL HEAD "O" RINGS DID NOT FIT.	ANOTHER SET OF "O" RINGS WERE INSPECTED AND QUALIFIED FOR USE
		04/17/2010-04/17/2010	10.00	UNSCHEDULED	OUTAGE DELAYED 0.42 DAYS DUE TO RETRIEVAL OF INCORRECT FUEL ASSEMBLY FROM SPENT FUEL POOL	NO PROCEDURE VERIFICATION TO PREVENT TYPING ERROR	PROCEDURE ENHANCED TO ENSURE TYPED LOCATION IS VERIFIED AS THE LOCATION INTENDED IN THE PROCEDURE
		04/17/2010-04/18/2010	13.00	UNSCHEDULED	OUTAGE DELAYED 0.54 DAYS DUE TO FEEDWATER PUMP LOW PRESSURE STEAM STOP VALVE	1B MAIN FEEDWATER PUMP NOT AVAILABLE DUE TO STOP VALVE NOT OPENING.	MAIN FEEDWATER PUMP WAS PLACED IN SERVICE AND PLANT HEAT-UP CONTINUED
		04/18/2010-04/18/2010	14.00	UNSCHEDULED	OUTAGE DELAYED 0.58 DAYS DUE TO TURBINE DRIVEN AUXILIARY FEEDWATER PUMP TESTING	TURBINE GOVERNOR VALVE LINKAGE WOULD NOT ALLOW FULL PUMP SPEED	LINKAGE WAS ADJUSTED
		04/18/2010-04/19/2010	14.00	UNSCHEDULED	OUTAGE DELAYED 0.58 DAYS DUE TO ZERO POWER PHYSICS TESTING DELAYS	INACCURATE DATA	REPLACED REACTIVITY METER
McGuire Cont.	1	04/19/2010-04/19/2010	10.32	UNSCHEDULED	OUTAGE DELAYED 0.43 DAYS DUE TO MOISTURE SEPARATOR STEAM DRAIN VALVE CONTROL	1HLS5230 MOISTURE SEPARATOR STEAM DRAIN VALVE AIR LEAK	AIR LEAK WAS REPAIRED, BLOCK TAGOUT CLEARED AND SECONDARY VACUUM ESTABLISED
	2	None					
Catawba	1	None					
	2	None					

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

April 2010

Belews Creek Steam Station

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
01	4/3/2010 1:40:00 PM To 4/4/2010 10:30:00 PM	Unsch	1050	SECOND SUPERHEATER LEAKS	steam cooled spacer tube leak	

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
01	4/10/2010 2:56:00 AM To 4/18/2010 9:59:00 AM	Sch	1455	INDUCED DRAFT FANS	ID FAN CRACK REPAIRS AND MIS. REPAIRS	

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
April,2010
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	720		720		720	
(C1) Net Gen (MWH) and Capacity Factor	622491	102.20	500174	82.11	422679	69.39
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	121587	19.96	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	-12641	-2.07	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00	169344	27.80
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-13371	-2.20	0	0.00	17097	2.81
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	609120	100.00 %	609120	100.00 %	609120	100.00 %
(I) Equivalent Availability		99.94		79.82		67.85
(J) Output Factor		102.20		102.59		96.11
(K) Heat Rate		10,115		10,074		10,175

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
April,2010
McGuire Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	720		720	
(C1) Net Gen (MWH) and Capacity Factor	260582	32.90	828826	104.65
(D1) Net MWH Not Gen Due To Full Scheduled Outages	404800	51.11	0	0.00
*(D2) Net MWH Not Gen Due To Partial Scheduled Outages	33749	4.26	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	93852	11.85	0	0.00
*(E2) Net MWH Not Gen Due To Partial Forced Outages	-983	-0.12	-36826	-4.65
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	792000	100.00 %	792000	100.00 %
(I) Equivalent Availability		32.24		100.00
(J) Output Factor		88.83		104.65
(K) Heat Rate		10,525		10,095

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
April,2010
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	720		720	
(C1) Net Gen (MWH) and Capacity Factor	836717	102.93	836458	102.90
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00
*(D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
*(E2) Net MWH Not Gen Due To Partial Forced Outages	-23837	-2.93	-23578	-2.90
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	812880	100.00 %	812880	100.00 %
(I) Equivalent Availability		100.00		100.00
(J) Output Factor		102.93		102.90
(K) Heat Rate		9,993		9,996

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

April 2010

Belews Creek Steam Station

	Unit 1	Unit 2
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	720	720
(C1) Net Generation (mWh)	502,380	-9,833
(C1) Capacity Factor	62.86	0.00
(D1) Net mWh Not Generated due to Full Scheduled Outages	220,946	799,200
(D1) Scheduled Outages: percent of Period Hrs	27.65	100.00
(D2) Net mWh Not Generated due to Partial Scheduled Outages	0	0
(D2) Scheduled Derates: percent of Period Hrs	0.00	0.00
(E1) Net mWh Not Generated due to Full Forced Outages	36,445	0
(E1) Forced Outages: percent of Period Hrs	4.56	0.00
(E2) Net mWh Not Generated due to Partial Forced Outages	3,400	0
(E2) Forced Derates: percent of Period Hrs	0.43	0.00
(F) Net mWh Not Generated due to Economic Dispatch	36,030	9,833
(F) Economic Dispatch: percent of Period Hrs	4.51	1.23
(G) Net mWh Possible in Period	799,200	799,200
(H) Equivalent Availability	67.37	0.00
(I) Output Factor (%)	92.72	0.00
(J) Heat Rate (BTU/NkWh)	9,068	0

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

April 2010
Marshall Steam Station

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) **MDC (mWh)**	380	380	658	660
(B) **Period Hrs**	720	720	720	720
(C1) **Net Generation (mWh)**	122,672	121,072	447,871	447,321
(D) **Net mWh Possible in Period**	273,600	273,600	473,760	475,200
(E) **Equivalent Availability**	53.75	52.55	99.89	99.91
(F) **Output Factor (%)**	83.42	83.28	94.54	94.13
(G) **Capacity Factor**	44.84	44.25	94.54	94.13

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

April 2010
Cliffside Steam Station

		Cliffside 5
(A)	MDC (mWh)	562
(B)	Period Hrs	720
(C1)	Net Generation (mWh)	-707
(D)	Net mWh Possible in Period	404,640
(E)	Equivalent Availability	0.00
(F)	Output Factor (%)	0.00
(G)	Capacity Factor	0.00

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
May,2009 - April,2010
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	8760		8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	6316737	85.24	7435668	100.33	6884299	92.89
(D1) Net MWH Not Gen Due To Full Scheduled Outages	826500	11.15	121587	1.64	419971	5.67
*(D2) Net MWH Not Gen Due To Partial Scheduled Outages	24077	0.32	-11945	-0.16	13214	0.18
(E1) Net MWH Not Gen Due To Full Forced Outages	329703	4.45	0	0.00	234951	3.17
*(E2) Net MWH Not Gen Due To Partial Forced Outages	-86057	-1.16	-134350	-1.81	-141475	-1.91
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	7410960	100.00 %	7410960	100.00 %	7410960	100.00 %
(I) Equivalent Availability		84.10		98.03		90.49
(J) Output Factor		100.99		102.01		101.90
(K) Heat Rate		10,230		10,120		10,108

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
May,2009 - April,2010
McGuire Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	8884762	92.20	8998931	93.39
(D1) Net MWH Not Gen Due To Full Scheduled Outages	897468	9.31	897600	9.32
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	28518	0.30	45151	0.47
(E1) Net MWH Not Gen Due To Full Forced Outages	93852	0.97	40128	0.42
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-268600	-2.78	-345810	-3.60
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9636000	100.00 %	9636000	100.00 %
(I) Equivalent Availability		89.18		89.83
(J) Output Factor		102.78		103.46
(K) Heat Rate		10,228		10,138

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
May,2009 - April,2010
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	8831774	89.30	10167010	102.80
(D1) Net MWH Not Gen Due To Full Scheduled Outages	1043975	10.56	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	29196	0.30	1344	0.01
(E1) Net MWH Not Gen Due To Full Forced Outages	147560	1.49	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-162465	-1.65	-278314	-2.81
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9890040	100.00 %	9890040	100.00 %
(I) Equivalent Availability		87.41		99.99
(J) Output Factor		101.53		102.80
(K) Heat Rate		10,069		10,008

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

May 2009 through April 2010

Belews Creek Steam Station

	Unit 1	Unit 2
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	8,760	8,760
(C1) Net Generation (mWh)	7,904,925	6,202,324
(C1) Capacity Factor	81.30	63.79
(D1) Net mWh Not Generated due to Full Scheduled Outages	684,038	1,757,593
(D1) Scheduled Outages: percent of Period Hrs	7.03	18.08
(D2) Net mWh Not Generated due to Partial Scheduled Outages	41,544	16,538
(D2) Scheduled Derates: percent of Period Hrs	0.23	0.17
(E1) Net mWh Not Generated due to Full Forced Outages	207,421	510,526
(E1) Forced Outages: percent of Period Hrs	2.13	5.25
(E2) Net mWh Not Generated due to Partial Forced Outages	60,553	24,730
(E2) Forced Derates: percent of Period Hrs	0.62	0.25
(F) Net mWh Not Generated due to Economic Dispatch	825,120	1,211,890
(F) Economic Dispatch: percent of Period Hrs	8.49	12.46
(G) Net mWh Possible in Period	9,723,600	9,723,600
(H) Equivalent Availability	89.76	76.25
(I) Output Factor (%)	91.46	84.61
(J) Heat Rate (BTU/NkWh)	9,235	9,606

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

May 2009 through April 2010

Marshall Steam Station

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) **MDC (mWh)**	380	380	658	660
(B) **Period Hrs**	8,760	8,760	8,760	8,760
(C1) **Net Generation (mWh)**	1,780,266	1,749,788	4,699,081	5,002,539
(D) **Net mWh Possible in Period**	3,328,800	3,328,800	5,764,080	5,781,600
(E) **Equivalent Availability**	82.19	82.79	88.44	95.41
(F) **Output Factor (%)**	79.51	78.15	90.26	90.30
(G) **Capacity Factor**	53.48	52.57	81.52	86.53

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

May 2009 through April 2010

Cliffside Steam Station

		Cliffside 5
(A)	**MDC (mWh)**	562
(B)	**Period Hrs**	8,760
(C1)	**Net Generation (mWh)**	2,896,262
(D)	**Net mWh Possible in Period**	4,923,120
(E)	**Equivalent Availability**	78.57
(F)	**Output Factor (%)**	81.59
(G)	**Capacity Factor**	58.83

DUKE ENERGY CAROLINAS

Outages for 100MW or Larger Units

April,2010

	Unit	MW	Full Outage Hours		
			Scheduled	Unscheduled	Total
Oconee	1	846	0.00	0.00	0.00
	2	846	143.72	0.00	143.72
	3	846	0.00	200.17	200.17
McGuire	1	1100	368.00	85.32	453.32
	2	1100	0.00	0.00	0.00
Catawba	1	1129	0.00	0.00	0.00
	2	1129	0.00	0.00	0.00

Duke Energy Carolinas

Outages for 100 mW or Larger Units

April 2010

Unit Name	Capacity Rating (mW)	Full Outage Hours Scheduled	Full Outage Hours Unscheduled	Total Outage Hours
Allen 1	162	73.05	0.00	73.05
Allen 2	162	83.63	7.47	91.10
Allen 3	261	161.50	0.00	161.50
Allen 4	276	329.50	0.00	329.50
Allen 5	266	15.00	0.00	15.00
Belews Creek 1	1,110	199.05	32.83	231.88
Belews Creek 2	1,110	720.00	0.00	720.00
Buck 5	128	0.00	0.00	0.00
Buck 6	128	4.25	84.50	88.75
Cliffside 5	562	720.00	0.00	720.00
Dan River 3	142	0.00	24.90	24.90
Lee 1	100	0.00	0.00	0.00
Lee 2	100	0.00	0.00	0.00
Lee 3	170	47.45	6.98	54.43
Marshall 1	380	333.02	0.00	333.02
Marshall 2	380	337.42	0.00	337.42
Marshall 3	658	0.00	0.00	0.00
Marshall 4	660	0.00	0.00	0.00
Riverbend 6	133	0.00	0.00	0.00
Riverbend 7	133	0.00	0.00	0.00
Rockingham CT1	165	0.00	0.00	0.00
Rockingham CT2	165	0.00	0.00	0.00
Rockingham CT3	165	720.00	0.00	720.00
Rockingham CT4	165	0.00	0.00	0.00
Rockingham CT5	165	720.00	0.00	720.00